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| APPLICATION NO. | FILING DATE | FIRST NAMED INVENTOR | ATTORNEY DOCKET NO. | CONFIRMATION NO. |
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| 09/112,774      | 07/10/1998  | KIA SILVERBROOK      | IR18US              | 7296             |

7590 02/13/2004  
KIA SILVERBROOK  
SILVERBROOK RESEARCH PTY LTD  
393 DARLING STREET  
BALMAIN NSW, 2041  
AUSTRALIA

EXAMINER

YE, LIN

| ART UNIT | PAPER NUMBER |
|----------|--------------|
|----------|--------------|

2612

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DATE MAILED: 02/13/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/112,774

Applicant(s)

SILVERBROOK, KIA

Examiner

Lin Ye

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 22 December 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1,3 and 4 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3 and 4 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION.**

***Response to Arguments***

1. Applicant's arguments with respect to claims 1 and 3-4 filed on 12/22/03 have been considered but are moot in view of the new ground(s) of rejection.

***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1 and 3-4 are rejected under 35 U.S.C. 103(a) as being unpatentable over Cane et al U.S. Patent 5,999,203 in view of Bagchi et al. U.S. Patent 5,916,358 and Yokota et al. U.S. 4,979,838.

Referring to claim 1, the Cane reference discloses in Figures 1, 4, 6, 18 and 26(a, b, c) an electronic imaging camera includes a printer assembly for providing instant images. A microprocessor (4) processes sensed image and controls printer head (5) to print stored image from camera system (See Col 4, lines 12-22). A portable power supply (portable battery 141) connected print and camera system as shown in Figure 6. The printer assembly includes a print head (308) and a paper advance roller (318) as shown in Figure 18. A replaceable preloaded paper cartridge (a print media supplier) is provided for easy replacement of the paper. A guillotine mechanism (350) located between print-sheet roll (318) and print head

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(308) to cut print sheet to a predetermined size as shown in Figure 26b (See Col 15, lines 54-64 and Col. 16, lines 1-18)). In Figure 6, the print head (135) is powered by the portable power supply (battery 141). Since the “guillotine mechanism” (350) is included in the print assembly, it can be considered as powered by a portable power supply with print head. But the Cane reference does not explicitly state the print head can be a page-width print head instead of an eight dot thermal print head.

The Bagchi reference discloses in Figures 1A and 24, a CCD camera (633) connected to a computer (635) and printer (637) which including a page-width print head (print head 621) (See Col. 7, 45-50, Col. 23, lines 30-38 and Col. 44, lines 47-52). The Bagchi reference is evidence that one of ordinary skill in the art at the time to see more advantages for using page width printing heads instead of the dot print head to significantly increase the speed of printer. For that reason, it would have been obvious to see the camera system includes a page-width print head disclosed by Cane.

The Cane reference also does not explicitly shows the detachable guillotine mechanism located using snap fit components between the print media supplier and said print head, slidably engaging a detachable threaded rod.

The Yokota reference discloses in Figure 4, a detachable guillotine mechanism (cutting mechanism can be detachable by resilient member 68 with teeth 69) located using snap fit components (46 and 44) between said print media supplier (receipt paper 24) and the print head, (carriage 52) slidably engaging a detachable threaded rod (64); and a circular cutting knife or blade (82) for cutting print media into sheets (See Col. 4, lines 40-58 and Col.5, lines 29-42). The Yokota reference is evidence that one of ordinary skill in the art at the time to

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see more advantages for using a detachable cutting mechanism located using snap fit components and slidably engaging a detachable threaded rod so that providing a significantly increased cutting force for a reliable cutting of media and speed up the cutting operation. For that reason, it would have been obvious to see the detachable guillotine mechanism located using snap fit components between the print media supplier and said print head, slidably engaging a detachable threaded rod disclosed by Cane.

Referring to claim 3, the Yokota reference discloses wherein said guillotine mechanism is attached to said print media supplier using snap fit receptacles (46 and 44) that receive said threaded rod (thread shaft 64) as shown Figure 4.

Referring to claim 4, the Cane reference discloses the guillotine mechanism (350) is detachable from camera system and attached to print cassette (350) below print head (308) (See Col 15, lines 35-52).

### ***Conclusion***

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to **Lin Ye** whose telephone number is **(703) 305-3250**. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy R Garber can be reached on (703) 305-4929.

**Any response to this action should be mailed to:**

Commissioner of Patents and Trademarks

Washington, DC. 20231


Or faxed to:

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(703) 872-9314

Hand-delivered responses should be brought to Crystal Park II, 2121 Crystal drive,  
Arlington, VA., Sixth Floor (Receptionist).

Any inquiry of a general nature or relating to the status of this application or proceeding  
should be directed to the Technology Center 2600 Customer Service Office whose telephone  
number is (703) 306-0377.

  
WENDY R. GARBER  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600

Lin Ye  
February 2, 2004